

What is claimed is:

1. A portable photoelectric air cleaner, which includes a semi-circular body in which there are an extractor fan、 a transformer、 a circuit board、 an electrode end ultraviolet radiation tube and a cathode high voltage discharge fibre line, which is characterized
5 in that an air inlet and an outlet are formed on said body. The cathode fibre line for discharging high voltage is fixed at the air outlet. The electrode end ultraviolet radiation tube is fixed at the outlet which is placed in the body, and is formed in an air collector, the extractor fan is fixed between the electrode end ultraviolet radiation tube and the air outlet which are formed nearly inside the body.

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2. The portable photoelectric air cleaner according to claim 1, the furthermore character is that said air collector is comprised of a space which is defined by an air collecting wall and blocking wall, the electrode end ultraviolet radiation tube is fixed between the front and back block walls so that the rays can't emit out of the cleaner.

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3. The portable photoelectric air cleaner according to claim 1, wherein a supporting frame is formed in said body, the lower end of the supporting frame is provided with a power supply generator、 a transformer、 power source lines and a charging battery, and the upper of the same is provided with electronic switcher.

4. The portable photoelectric air cleaner according to claim 1, wherein a movable handle and a movable gallus are fixed on the body, said movable gallus is connected to the body though a buckle.

5 5. The portable photoelectric air cleaner according to claim 1、2、3 or 4, wherein the body has charging batteries for providing power to the air cleaner, the output of said charging batteries is connected to the direct current(DC) inputs of a circuit board.